

Work Order ID 147207***147207***

Page 1

Tuesday, June 07, 2016 11:33:51 AM

Item ID: D412-711-111

Accept

N900040100Setup Start ***NS1***

Revision ID:

Stop ***NS2***

Item Name: Wiring Harness For Vertical Reference Door

Start Date: 6/7/2016 Start Qty: 1.00 ***1***

Cust Item ID:

Required Date: 6/10/2016 Req'd Qty: 1.00 ***1***

Customer:

Reference:

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____

Run Start ***NR1***

QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
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Draw Nbr	Revision Nbr
N/A	Rev N/A

100

0.00

100

PURCHASING

Purchasing

Memo 0.00

Purchasing

Issue P/O: 32623 to Eagle Copters

Ship D4268-043 qty1

Certificate of Conformity is required

110

Receive & Inspect for Damage & Mat'l Certs 0.00

110

Packaging

Memo 0.00

Packaging

Ensure that Certificate of Conformity is attached

4 16.06.07CL 16/07/11 1

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS <table style="width: 100%; border: none;"> <tr> <td style="width: 15%;">Skid-tube ☐</td> <td style="width: 15%;">Cross tube ☐</td> <td style="width: 15%;">Water Jet ☐</td> <td style="width: 15%;">Engineering ☐</td> </tr> <tr> <td>Machining ☐</td> <td>Small Fab ☐</td> <td>Prod. Eng. Coord. ☐</td> <td>Quality ☐</td> </tr> <tr> <td>Thermoforming ☐</td> <td>Finishing ☐</td> <td>Rec/Store/Packaging ☐</td> <td>Other ☐</td> </tr> <tr> <td>Large Fab ☐</td> <td>Composite ☐</td> <td>Supplier ☐</td> <td></td> </tr> </table>						Skid-tube ☐	Cross tube ☐	Water Jet ☐	Engineering ☐	Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐	Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐	Large Fab ☐	Composite ☐	Supplier ☐	
Skid-tube ☐	Cross tube ☐	Water Jet ☐	Engineering ☐																						
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Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐																						
Large Fab ☐	Composite ☐	Supplier ☐																							
Date :		Step #:		QTY Effective :			MRB (QS1042) Approval Completed By Lead hand / Supervisor Approval Verification QC / QA Coordinator Approval																		
Description Work Order Deviation				Disposition																					
Root Cause <table style="width: 100%; border: none;"> <tr> <td style="width: 50%;"> Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐ </td> <td style="width: 50%;"> No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐ </td> </tr> </table>		Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐	No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐	FAULT CATEGORY <table style="width: 100%; border: none;"> <tr> <td style="width: 33%;"> Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐ </td> <td style="width: 33%;"> Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐ </td> <td style="width: 33%;"> Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Misabeled ☐ Fit/Function ☐ Misaligned/off center ☐ </td> <td style="width: 33%;"> Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐ </td> </tr> </table>						Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐	Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐	Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Misabeled ☐ Fit/Function ☐ Misaligned/off center ☐	Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐	OTHER : ☐											
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Work Order ID 147207

Thursday, July 07, 2016 1:19:27 PM

147207

Page 2

Item ID: D412-711-111

Accept

N900040100Setup Start ***NS1***

Revision ID:

Stop ***NS2***

Item Name: Wiring Harness For Vertical Reference Door

Start Date: 6/7/2016 Start Qty: 1.00 ***1***

Cust Item ID:

Required Date: 6/10/2016 Req'd Qty: 1.00 ***1***

Customer:

Reference:

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____

Run Start ***NR1***

QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
120 *120* QC Quality Control	QC4- 100% Inspect kits for completeness Memo	0.00 0.01				 DAS 42 JUL 08 2016 9-89			
130 *130* Packaging Packaging	Identify as per dwg & Stock Location: _____ Memo	0.00 0.00				 DAS 42 JUL 08 2016 9-89			
140 *140* QC Quality Control	QC21- Final Inspection - Work Order Release Memo	0.00 0.02							

Picklist Print

Page 1

Thursday, July 07, 2016 1:19:45 PM

Work Order ID: 147207

147207

Parent Item: D412-711-111

D412-711-111

Parent Item Name: Wiring Harness For Vertical Reference Door

Start Date: 6/7/2016

Required Date: 6/10/2016

Start Qty: 1.00

Required Qty: 1.00

Comments: IPP Rev:A04.11.09New issueKJ/JLM

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
D412-711-111P *D412-711-111P* Wiring Harness		Purchased	No			110	Each	0.0000	1	1		DAS 42 9-89 JUL 08 2016	
D4268-043 *D4268-043* Instrument Panel		Manufactured	No				Each	1.0000		1		DAS 42 9-89 JUL 08 2016	

Location

Loc Qty

Loc Code

ST227B

1

147746

1

Work Order ID 147207

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Stop *NR2*

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
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120 QC4- 100% Inspect kits for completeness

0.00

120

QC

Memo

0.01

Quality Control

DAS
42 JUL 08 2016
9-89

130 Identify as per dwg & Stock Location: _____

0.00

130

Packaging

Memo

0.00

Packaging

DAS
42 JUL 08 2016
9-89

140 QC21- Final Inspection, Work Order Release

0.00

140

QC

Memo

0.02

Quality Control

021610711

DAS JUL 11 2016
21
9-89

DQA: _____ Date: _____

**WORK ORDER NON-CONFORMANCE / UPDATE**

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date :		Step #:		QTY Effective :			MRB (QS1042) Approval Completed By Lead hand / Supervisor Approval Verification QC / QA Coordinator Approval		
Description Work Order Deviation				Disposition					

Root Cause		FAULT CATEGORY																																																													
Environment ☐	Design ☐	Doc/Data ☐	Equip/Tooling ☐	Handling/Pre ☐	Material ☐	Internal Transport ☐	Tribal Knowledge ☐	LOA ☐	Substation ☐	Past Expiry Date ☐	Misidentified ☐	No Re-verification ☐	Operator ☐	Offset/Setup ☐	Supplier ☐	Training ☐	Use for Testing ☐	Poor Information ☐	Rushing ☐	Product Improvement ☐	Process Improvement ☐	Manufacturing Process ☐	Past Due ☐	Pressure/Forced ☐	Bending ☐	Centre Not Concentric ☐	Cracks ☐	Crimp/Kink/Ripple/Wave ☐	Cuffs ☐	Crushing ☐	Heat Treat ☐	Wave/Twist in Tube ☐	Marks/Chatter ☐	Temperature/Cure ☐	Set-up ☐	BOM/Route ☐	Broken/Damage/Defect ☐	Inspection Incomplete/Unqualified ☐	Contamination ☐	Countersink ☐	Cut Too Short ☐	Instructions Incomplete/Unclear ☐	Drill Holes ☐	Power Loss/Surge ☐	Folio/Program ☐	Grain ☐	Weld ☐	Wrong Stock Pulled ☐	Out of Sequence ☐	Off-set ☐	Mislabeled ☐	Fit/Function ☐	Misaligned/off center ☐	Positioned Wrong ☐	Outside Dimensions ☐	Over/Under tolerance ☐	Part Incorrect ☐	Part Lost/Missing ☐	Part Moved ☐	Drawing ☐	Finish ☐	Misread ☐	Turning Sequence ☐
																								OTHER : _____																																							

Tuesday, June 07, 2016 11:33:51 AM

147207

Parent Item: D412-711-111

D412-711-111

Parent Item Name: Wiring Harness For Vertical Reference Door

Start Date: 6/7/2016**Required Date:** 6/10/2016

Start Qty: 1.00

Required Qty: 1.00

Comments: IPP Rev:A04.11.09New issueKJ/JLM

[illegible]

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date :		Step #:		QTY Effective :			MRB (QS1042) Approval Completed By Lead hand / Supervisor Approval Verification QC / QA Coordinator Approval		
Description Work Order Deviation				Disposition					
Root Cause Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐ No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐		FAULT CATEGORY Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐ Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Misabeled ☐ Fit/Function ☐ Misaligned/off center ☐ Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐							
		OTHER : ☐							

Picklist Print

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Page 1

Work Order ID: 147207

147207

Parent Item: D412-711-111

D412-711-111

Parent Item Name: Wiring Harness For Vertical Reference Door

Start Date: 6/7/2016

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Start Qty: 1.00

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Comments: IPP Rev:A04.11.09New issueKJ/JLM

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
D412-711-111P		Purchased	No			110	Each	0.0000	1	1			
D412-711-111P									**				
Wiring Harness													
D4268-043		Manufactured	No				Each	1.0000		1			
D4268-043									**				
Instrument Panel													

DAS
42 JUL 08 2016
9:59
DAS
42 JUL 08 2016
9:59

Location

Loc Qty

Loc Code

ST227B

1

147746

1

==

CL16/07/11

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date :		Step #:		QTY Effective :			MRB (QSI042) Approval 		
Description Work Order Deviation				Disposition					
								Completed By	
								Lead hand / Supervisor Approval Verification	
				QC / QA Coordinator Approval					
Root Cause		FAULT CATEGORY							
Environment ☐	No Re-verification ☐	Pressure/Forced ☐	Temperature/Cure ☐	Power Loss/Surge ☐	Positioned Wrong ☐				
Design ☐	Operator ☐	Bending ☐	Set-up ☐	Folio/Program ☐	Outside Dimensions ☐				
Doc/Data ☐	Offset/Setup ☐	Centre Not Concentric ☐	BOM/Route ☐	Grain ☐	Over/Under tolerance ☐				
Equip/Tooling ☐	Supplier ☐	Cracks ☐	Broken/Damage/Defect ☐	Weld ☐	Part Incorrect ☐				
Handling/Pre ☐	Training ☐	Crimp/Kink/Ripple/Wave ☐	Inspection Incomplete/Unqualified ☐	Wrong Stock Pulled ☐	Part Lost/Missing ☐				
Material ☐	Use for Testing ☐	Cuffs ☐	Contamination ☐	Out of Sequence ☐	Part Moved ☐				
Internal Transport ☐	Poor Information ☐	Crushing ☐	Countersink ☐	Off-set ☐	Drawing ☐				
Tribal Knowledge ☐	Rushing ☐	Heat Treat ☐	Cut Too Short ☐	Mislabeled ☐	Finish ☐				
LOA ☐	Product Improvement ☐	Wave/Twist in Tube ☐	Instructions Incomplete/Unclear ☐	Fit/Function ☐	Misread ☐				
Substation ☐	Process Improvement ☐	Marks/Chatter ☐	Drill Holes ☐	Misaligned/off center ☐	Turning Sequence ☐				
Past Expiry Date ☐	Manufacturing Process ☐	OTHER : _____							
Misidentified ☐	Past Due ☐								



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID **PO32623**

Purchase Order Date 6/7/2016 11:36:52 AM

PO Print Date 6/9/2016

Page Number 1 of 1

Order From :

VU-EAG002

Ship To : DART AEROSPACE LTD

EAGLE COPTERS MAINTENANCE LTD.
823 MCTAVISH ROAD N E
CALGARY, AB T2E 7G9
CA

1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

REVISED

Contact Name

Vendor Phone 403-250-7370

Ship To Contact

Ship To Phone

Ship Via:

Ship Acct:

Buyer

Linda Lacelle

Customer POID

Customer Tax #

10127-2607

Terms

Net 30

Currency

USD

FOB

Destination-Collect

Line Nbr	Reference Vendor Part Number Line Comments Delivery Comments	Description/ Mfg ID	Req Date/ Taxable Promise Date	CD	Req Qty/ Unit of Measure	PO Unit Price	Extended Price
1	D412-711-111P PER DRWG D412-711-111 B147207 <i>CL 16/07/11</i>	Wiring Harness ✓	6/8/2016 Yes 6/8/2016		1.00 Each	\$2,250.00	\$2,250.00
						Line Total:	\$2,250.00
2	71401-45 Procurement Quality Clauses Procurement Quality Clauses A005 RIGHT OF ENTRY A016 PERSONNEL QUALIFICATION A026 CERTIFICATION OF MATERIAL CONFORMANCE A041 QUALITY MANAGEMENT SYSTEM A042 DART NOTIFICATION BY SUPPLIER A043 RETENTION OF QUALITY DOCUMENT	Procurement Quality Clause	6/8/2016 No 6/8/2016		1.00	\$0.00	\$0.00
						Line Total:	\$0.00
						PO Total:	\$2,250.00

PO Instructions: PO 16-1824

s/n 33158

CL
Note: Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.

Change Nbr: 3

Change Date: 6/9/2016

Work Order Number: 53140

Build Wiring Harness

This Work Report forms part of this aircraft's permanent technical records - DO NOT DESTROY.

Item: 1 Wiring Harness For Vertical Reference Door

Squawk: 1.1**Discrepancy:**Build up Wiring Harness for
Vertical Ref. Door**Resolution:**V.R.D Harness built IAW
DART DWG
#D412-711901 REV A,
and REF to
BHT-ELEC-SPM Rev.2.**1.1** Work Done By: Joel Mercier (JMERCIER)**The maintenance described above has been performed in accordance with the applicable standards of airworthiness.**
AMO 6-81 Signature: Ljubomir Jovicic (LJOVICIC) on 2016-07-05**Parts:**

Part Number	Description	Serial Number	Lot Number	Condition	Qty
MS3126E10-6S	CONNECTOR		LT-16-005307	New	1
126-198	Connector		LT-15-009556	New	1
42FX122	126-195-AVIONICS		LT-16-006531	New	1
D4268-043	Instrument Panel		LT-16-006986	New	1
MS25041-8-327	LIGHT ASSY		LT-014814	New	1
MS25041-6-327	LIGHT ASSEMBLY		LT-16-006870	New	2
XPF-3/8	EXPANDABLE SLEEVE		LT-14-004662	New	4
MS3471W10-6P	CONNECTOR		LT-12-011838.1	New	1
MS3471W8-33P	CONNECTOR		LT-12-003391	New	1
MS3476W8-33S	CONNECTOR		LT-16-007380	New	1
MS3471W8-33PW	CONNECTOR		LT-12-003385	New	1
MS3476W8-33SW	CONNECTOR		LT-15-009631.1	New	1
MS3471W12-10P	CONNECTOR		LT-16-007352	New	1
MS3476W12-10S	CONNECTOR		LT-16-003378.1	New	1
MS3476W12-10SW	CONNECTOR		LT-16-002710.1	New	1
M85049/31-10W	BACKSHELL		LT-16-000043	New	1
M85049/31-10W	BACKSHELL		LT-16-000043	New	1
M85049/31-8W	BACKSHELL		LT-16-006864	New	4
M85049/31-12W	BACKSHELL		LT-16-002715	New	1
M85049/31-12W	BACKSHELL		LT-15-009637.2	New	3
MS3471W12-10PW	CONNECTOR		LT-16-007355	New	1

* End of Report *

***** Original Maintenance Releases and Independent Control Inspection details are stored electronically at *****
 ***** Eagle Copters Maintenance Ltd. in Calgary Alberta in the Corridor Software *****

EAGLE COPTERS MAINTENANCE LTD.

823 McTAVISH ROAD N.E., CALGARY, ALBERTA T2E 7G9

D.O.T. APPROVAL No. **6-81**

Nomenclature **VRD 442 WIRE HARNESS**

Manufacturer **DART** Type/Model **B412**

Part No. **D412-711-111** Serial No.

Total time: **/** Work Order **53140**

T.S.O. **/** Overhaul ☐ NEW ☒

Inspected ☐ Tested ☐ Repair ☐ Modification ☐ Removal ☐

Previous Certification

The maintenance described has been performed in accordance with the applicable standards of airworthiness.

July 5 2016

DATE

NAME OF AUTHORIZED INSPECTOR

LIC. No. / STAMP

Details of outstanding work and other information on reverse.

MAINTENANCE RELEASE

Work Order ID 147207

Thursday, July 07, 2016 1:19:19 PM

147207

Page 1

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Accept

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Run Start ***NR1***

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Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
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Draw Nbr	Revision Nbr
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N/A	Rev N/A
-----	---------

100

0.00

100

PURCHASING

Purchasing

Memo

0.00

Purchasing

Issue P/O: 32623 to Eagle Copters

Ship D4268-043 qty1

Certificate of Conformity is required

AS DAS JUL 08 2016
42
9-89

110

0.00

110

Receive & inspect for Damage & Mat'l Certs

Packaging

Memo

0.00

Packaging

Ensure that Certificate of Conformity is attached

AS DAS JUL 08 2016
42
9-89

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date :		Step #:		QTY Effective :			MRB (QSI042) Approval		
Description Work Order Deviation				Disposition				Completed By	
								Lead hand / Supervisor Approval Verification	
Root Cause		FAULT CATEGORY							
Environment ☐	No Re-verification ☐	Pressure/Forced ☐	Temperature/Cure ☐	Power Loss/Surge ☐	Positioned Wrong ☐				
Design ☐	Operator ☐	Bending ☐	Set-up ☐	Folio/Program ☐	Outside Dimensions ☐				
Doc/Data ☐	Offset/Setup ☐	Centre Not Concentric ☐	BOM/Route ☐	Grain ☐	Over/Under tolerance ☐				
Equip/Tooling ☐	Supplier ☐	Cracks ☐	Broken/Damage/Defect ☐	Weld ☐	Part Incorrect ☐				
Handling/Pre ☐	Training ☐	Crimp/Kink/Ripple/Wave ☐	Inspection Incomplete/Unqualified ☐	Wrong Stock Pulled ☐	Part Lost/Missing ☐				
Material ☐	Use for Testing ☐	Cuffs ☐	Contamination ☐	Out of Sequence ☐	Part Moved ☐				
Internal Transport ☐	Poor Information ☐	Crushing ☐	Countersink ☐	Off-set ☐	Drawing ☐				
Tribal Knowledge ☐	Rushing ☐	Heat Treat ☐	Cut Too Short ☐	Mislabeled ☐	Finish ☐				
LOA ☐	Product Improvement ☐	Wave/Twist in Tube ☐	Instructions Incomplete/Unclear ☐	Fit/Function ☐	Misread ☐				
Substation ☐	Process Improvement ☐	Marks/Chatter ☐	Drill Holes ☐	Misaligned/off center ☐	Turning Sequence ☐				
Past Expiry Date ☐	Manufacturing Process ☐	OTHER : _____							
Misidentified ☐	Past Due ☐								

Work Order ID 147207

Thursday, July 07, 2016 1:19:19 PM

147207

Page 1

Item ID: D412-711-111 Accept ***N900040100*** Setup Start ***NS1***
Revision ID: Stop ***NS2***
Item Name: Wiring Harness For Vertical Reference Door

Start Date: 6/7/2016 Start Qty: 1.00 ***1*** Cust Item ID:
Required Date: 6/10/2016 Req'd Qty: 1.00 ***1*** Customer:

Reference:

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____ Run Start ***NR1***
QC: _____ Date: _____ SPC (Y/N): _____ Date: _____ Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
--------------------------------	--------------------------	----------------------	---------	--------	--------------	---------------	---------------	------------------	----------------

Draw Nbr	Revision Nbr
N/A	Rev N/A

100 PURCHASING 0.00

100

Purchasing

Memo

0.00

Purchasing

Issue P/O: 32623 to Eagle Copters

Ship D4268-043 qty1

Certificate of Conformity is required

DAS
42 JUL 08 2016
9-89

110 Receive & Inspect for Damage & Mat'l Certs 0.00

110

Packaging

Memo

0.00

Packaging

Ensure that Certificate of Conformity is attached

DAS
42 JUL 08 2016
9-89

Tuesday, June 07, 2016 11:33:51 AM

147207

Page 2

Accept

N900040100

Setup Start *NS1*

Stop *NS2*

Item Name: Wiring Harness For Vertical Reference Door

Start Date: 6/7/2016 **Start Qty:** 1.00 ***1***

Cust Item ID:

Required Date: 6/10/2016 **Req'd Qty:** 1.00 *** 1 ***

Customer:

Reference:

Run Start *NR1*

Approvals: **Process Plan:** _____ **Date:** _____ **Tooling:** _____ **Date:** _____

Stop *NR2*

QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
--------------------------------	--------------------------	----------------------	---------	--------	--------------	---------------	---------------	------------------	----------------

QC4- 100% Inspect kits for completeness

0.00

120

QC Memo

0.01

Quality Control

130	Identify as per dwg & Stock Location:_____	0.00
-----	--	------

0.00

130

Packaging	Memo	0.00
-----------	------	------

Packaging

140	QC21- Final Inspection - Work Order Release	0.00
-----	---	------

0.00

140

QC	Memo	0.02
----	------	------

Quality Control

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐							
Date :		Step #:		QTY Effective :				MRB (QSI042) Approval			
Description Work Order Deviation				Disposition				Completed By			
								Lead hand / Supervisor Approval Verification			
								QC / QA Coordinator Approval			
Root Cause				FAULT CATEGORY							
Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐		No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐		Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐		Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐		Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Mislabeled ☐ Fit/Function ☐ Misaligned/off center ☐		Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐	
OTHER : ☐											

Work Order Number: 53140

Build Wiring Harness

This Work Report forms part of this aircraft's permanent technical records - DO NOT DESTROY.

Item: 1 Wiring Harness For Vertical Reference Door

Squawk: 1.1**Discrepancy:**Build up Wiring Harness for
Vertical Ref. Door**Resolution:**V.R.D Harness built IAW
DART DWG
#D412-711901 REV A,
and REF to
BHT-ELEC-SPM Rev.2.

1.1 Work Done By: Joel Mercier (JMERCIER)

The maintenance described above has been performed in accordance with the applicable standards of airworthiness.
AMO 6-81 Signature: Ljubomir Jovicic (LJOVICIC) on 2016-07-05**Parts:**

Part Number	Description	Serial Number	Lot Number	Condition	Qty
MS3126E10-6S	CONNECTOR		LT-16-005307	New	1
126-198	Connector		LT-15-009556	New	1
42FX122	126-195-AVIONICS		LT-16-006531	New	1
D4268-043	Instrument Panel		LT-16-006986	New	1
MS25041-8-327	LIGHT ASSY		LT-014814	New	1
MS25041-6-327	LIGHT ASSEMBLY		LT-16-006870	New	2
XPF-3/8	EXPANDABLE SLEEVE		LT-14-004662	New	4
MS3471W10-6P	CONNECTOR		LT-12-011838.1	New	1
MS3471W8-33P	CONNECTOR		LT-12-003391	New	1
MS3476W8-33S	CONNECTOR		LT-16-007380	New	1
MS3471W8-33PW	CONNECTOR		LT-12-003385	New	1
MS3476W8-33SW	CONNECTOR		LT-15-009631.1	New	1
MS3471W12-10P	CONNECTOR		LT-16-007352	New	1
MS3476W12-10S	CONNECTOR		LT-16-003378.1	New	1
MS3476W12-10SW	CONNECTOR		LT-16-002710.1	New	1
M85049/31-10W	BACKSHELL		LT-16-000043	New	1
M85049/31-10W	BACKSHELL		LT-16-000043	New	1
M85049/31-8W	BACKSHELL		LT-16-006864	New	4
M85049/31-12W	BACKSHELL		LT-16-002715	New	1
M85049/31-12W	BACKSHELL		LT-15-009637.2	New	3
MS3471W12-10PW	CONNECTOR		LT-16-007355	New	1

* End of Report *

***** Original Maintenance Releases and Independent Control Inspection details are stored electronically at*****

***** Eagle Copters Maintenance Ltd. in Calgary Alberta in the Corridor Software *****

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date :		Step #:		QTY Effective :			MRB (QS1042) Approval 		
Description Work Order Deviation				Disposition					
							Completed By		
							Lead hand / Supervisor Approval Verification		
							QC / QA Coordinator Approval		

Root Cause				FAULT CATEGORY																																																																																																																											
Environment	☐	Design	☐	Doc/Data	☐	Equip/Tooling	☐	Handling/Pre	☐	Material	☐	Internal Transport	☐	Tribal Knowledge	☐	LOA	☐	Substation	☐	Past Expiry Date	☐	Misidentified	☐	No Re-verification	☐	Operator	☐	Offset/Setup	☐	Supplier	☐	Training	☐	Use for Testing	☐	Poor Information	☐	Rushing	☐	Product Improvement	☐	Process Improvement	☐	Manufacturing Process	☐	Past Due	☐	Pressure/Forced	☐	Bending	☐	Centre Not Concentric	☐	Cracks	☐	Crimp/Kink/Ripple/Wave	☐	Cuffs	☐	Crushing	☐	Heat Treat	☐	Wave/Twist in Tube	☐	Marks/Chatter	☐	Temperature/Cure	☐	Set-up	☐	BOM/Route	☐	Broken/Damage/Defect	☐	Inspection Incomplete/Unqualified	☐	Contamination	☐	Countersink	☐	Cut Too Short	☐	Instructions Incomplete/Unclear	☐	Drill Holes	☐	Power Loss/Surge	☐	Folio/Program	☐	Grain	☐	Weld	☐	Wrong Stock Pulled	☐	Out of Sequence	☐	Off-set	☐	Mislabeled	☐	Fit/Function	☐	Misaligned/off center	☐	Positioned Wrong	☐	Outside Dimensions	☐	Over/Under tolerance	☐	Part Incorrect	☐	Part Lost/Missing	☐	Part Moved	☐	Drawing	☐	Finish	☐	Misread	☐	Turning Sequence	☐
OTHER : _____																																																																																																																															

EAGLE COPTERS MAINTENANCE LTD.

828 METAVISH ROAD N.E. CALGARY, ALBERTA T2E 7G9

D.O.T. APPROVAL No. 6-81

Nomenclature VRD 412 WIRE HARNESS

Manufacturer DART Type/Model B412

Part No. D412-711-111 Serial No.

Total time ✓ Work Order 53170

T.S.O. ✓ Overhaul ☐ NEW ☒

Inspected ☐ Tested ☐ Repair ☐ Modification ☐ Removal ☐

Previous Certification

The maintenance described has been performed in accordance with the applicable standards of airworthiness.

July 5 2016

DATE

[Signature]
NAME OF AUTHORIZED INSPECTOR

[Stamp]
LIC. No. / STAMP

Details of outstanding work and other information on reverse.

MAINTENANCE RELEASE

DQA: _____ Date: _____

**WORK ORDER NON-CONFORMANCE / UPDATE**

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐			
Date : _____	Step #: _____	QTY Effective : _____		MRB (QS1042) Approval	
Description Work Order Deviation		Disposition		Completed By	
				Lead hand / Supervisor Approval Verification	
				QC / QA Coordinator Approval	
Root Cause Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐ No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐		FAULT CATEGORY Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐ Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Mislabeled ☐ Fit/Function ☐ Misaligned/off center ☐ Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐			
OTHER : _____					